

Supplementary Table S3

Oligonucleotides used in this study

Name	Sequence	Gene	Comments
CZ114	CAGAATTAACAAGCATGGC	fwd upstream primer; LFH-PCR for deletion of <i>citZ</i>	
CZ115	CCTATCACCTCAAATGGTTCGCTGGTATCA TCAATAATAGAACTAAC	rev upstream primer; LFH-PCR for deletion of <i>citZ</i>	
CZ116	CATGTCCTAGCTTATCAGAAC	rev downstream primer; LFH-PCR for deletion of <i>citZ</i>	
CZ117	CATCGTGATGAAAACGAGGA	Sequencing primer deletion of <i>citZ</i>	
CZ118	CAATGTTTTCAATGACTGTCAG	Sequencing primer deletion of <i>citZ</i>	
CZ119	GAAAACAATATGCAACTTTAAATC	Sequencing primer deletion of <i>citZ</i>	
CZ132	CGAGCGCCTACGAGGAATTTGTATCGCAG ATTACACAGGCCCTGAC	fwd downstream primer; LFH-PCR for deletion of <i>citZ</i>	
DW40	AAAGGTCTCATGGTGTGAATAAACACAA AAAGATCCCATTACG	fwd, <i>ylxR</i> in pET-SUMO	Bsal; ATGGT extra for proper cloning
DW41	TTTCTCGAGTTATTTTTTCACCTTTCCGCC AGTT	rev, <i>ylxR</i> in pET-SUMO	XhoI
FR124	AAATCTAGATTGTCTCAGCAATCGATACA AAAAGT	fwd, <i>pycA</i> in pBQ200	XbaI
FR125	TTTGCATGCTTATGCTTTTTCAATTTCAAG GAGCAG	rev, <i>pycA</i> in pBQ200	SphI
JN335	AAAGGATCCATGCGGTCAACATTAAGAAA AGACCTTATTGAATTATTTTCTC	fwd, <i>birA</i> in pWH844	BamHI
JN336	TTTGTGCACTTAGCCCAATTCGATATCGGC AGAATAGATTTTTTTAATG	rev, <i>birA</i> in pWH844	Sall
LK80	AAAGGTCTCATGGTATGATAAGCTTACAA TCAGATCAACTTCTTGAGG	fw, <i>darB</i> for pET-SUMO	Bsal; ATGGT extra for proper cloning
LK81	TTTCTCGAGCTACTTATTCAATGAGCGTAT ATGCTTATTCAATTCC	rev, <i>darB</i> for pET-SUMO	XhoI
LK209	AAATCTAGAATTAAGAGGAGAAATTA CTATGATAAGCTTACAATCAGATCAACTTC TTGAGG	fw, <i>darB</i> in pBQ200	XbaI, + RBS

LK234	AAATCTAGAATTAAAGAGGAGAAATTAA CTTTGTCTCAGCAATCGATACAAAAAGTA TTA	fw, <i>pycA</i> , pET28a	XbaI, + RBS
LK235	TTTCTCGAGTGCTTTTTCAATTTCAAGGAG CAGATC	rev, <i>pycA</i> , pET28a	XhoI
LK421	[Phos]CCTTGAGCATGCATTATTTGTATTG ACAAAAACCG	CCR-Primer <i>darB</i> (L38F)	5'-P
LK457	AAATCTAGAATTAAAGAGGAGAAATTAA CTATGCCTAAACAAAAAGACCGCGGAAC	fw, <i>pycA</i> (CT+BCCP), pET28a	XbaI, + RBS, + ATG
TK02	TTTCTGCAGCTACTTATTCAATGAGCGTAT ATGCTTATTCA	rev, <i>darB</i> in pBQ200	PstI

Underlined: restriction sites; bold: additional bases/mutation: [Phos]: 5'-phosphorylation;
RBS: ribosomal binding site

Abbreviations: RBS, ribosomal binding site.